

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L23	136	steve near hotelling	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 02:21
L24	6	23 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 02:21
L25	3228	84/653-665,600,615-620.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 03:12
L26	28	25 and (multi near2 (contact touch\$4 sens\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 03:13
L27	1	((multi near2 (contact touch\$4 sens\$4)) and ((specific near2 process\$4) with position)). CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 03:19
S1	5	joguet near pascal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 09:57
S2	3	largillier near guillaume	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 09:58
S3	6328	multi near1 (contact touch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 09:59
S4	2481	S3 and ((row same collumn) (vertical same horizontal) matrix array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:02

S5	539	S4 and ((zone area region) with (middle central center))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:03
S6	204	S5 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:04
S7	13	345/173-178.ccls. and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:05
S8	9867	(345/173-178.ccls.) or (178/18.01-18.09.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:09
S9	539	S3 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:09
S10	160	S9 and ((zone area region) with (middle central center))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:09
S11	202	("20020015024"   "20020118848"   "20030006974"   "20030076301"   "20030076303"   "20030076306"   "20030095095"   "20030095096"   "20030098858"   "20030206202"   "20030234768"   "20030234770"   "20040227736"   "20040263484"   "20050007349"   "20050012723"   "20050052425"   "20050083307"   "20050104867"   "20050110768"   "20050146511"   "20060022955"   "20060022956"   "20060026521"   "20060026535"   "20060026536"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 10:44

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S12	805	S3 and ((zone area region) with (middle central center))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:50
S13	3168	S3 and (middle central center centroid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:51
S14	8259	(345/173-178.ccls.) or (178/18.01-18.09.ccls.) and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:51
S15	4518	S14 and ((row same collumn) (vertical same horizontal) matrix array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:51

S16	5340	345/173-179.ccls. and (middle central center centroid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:52
S17	363	S16 and (multi near1 (contact touch\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:53
S18	301	S17 and ((row same collumn) (vertical same horizontal) matrix array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:53
S19	19	S18 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:53
S20	6674	345/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:57
S21	3386	S20 and object and finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:58
S22	851	S21 and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:58
S23	206	S21 and camera	USPAT	OR	ON	2010/05/06 11:59
S24	255	jennifer near nguyen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 12:04
S25	52	S24 and touch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 12:06
S26	699	345/173.ccls. and (multi\$4 near1 (contact touch\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 12:12

S27	307	S26 and (sens\$4 with (matrix array))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 12:12
S28	39	S27 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 12:13
S29	108	("3921166"   "4103252"   "4455452"   "4550221"   "4639720"   "4686332"   "4733222"   "4736191"   "4914624"   "5016008"   "5203704"   "5327161"   "5365461"   "5376946"   "5432531"   "5442376"   "5463388"   "5495077"   "5528266"   "5543591"   "5565658"   "5648642").PN. OR ("5825352").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 12:20
S30	9	("20020196238"   "20060026521"   "5825352"   "6178443"   "6278443"   "6727892"   "6950539"   "7411575"   "7489306").PN. OR ("7605804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 12:22
S31	35	("5178477"   "5281966"   "5483261"   "5736976"   "5764222"   "5767842"   "5790104"   "5825352"   "5933134"   "6002808"   "6037882"   "6084576"   "6107997"   "6208329"   "6323846"   "6515669"   "6570557"   "6624833"   "6670894"   "6677932"   "6757002").PN. OR ("7030861").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 12:28
S32	97	("3761877"   "4990900"   "5025314"   "5086197"   "5107541").PN. OR ("5483261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 12:30
S33	125	("3911215"   "4220815"   "4763356").PN. OR ("4914624").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 12:35
S34	244	345/173-178.ccls. and (((row same collumn) (vertical same horizontal) matrix array) with (sens\$4 detect\$4) with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 05:49

S35	96	S34 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 05:50
S36	17	S35 and (((row same collumn) (vertical same horizontal) matrix array) with transparent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 05:58
S37	6	S36 and ITO	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 05:58
S38	0	S37 and (((row same collumn) (vertical same horizontal) matrix array) with insulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 05:59
S39	4	S37 and (((row same collumn) (vertical same horizontal) matrix array) with insulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 06:00
S40	326	345/173-178.ccls. and (((row same collumn) (vertical same horizontal) matrix array) with insulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 06:40
S41	84	345/173-178.ccls. and (((row same collumn) (vertical same horizontal) matrix array) with conduct\$4 with insulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 06:41
S42	9	S41 and (((row same collumn) (vertical same horizontal) matrix array) with ITO)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 06:41
S43	10	joguet near pascal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 06:29
S44	7	largillier near guillaume	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 06:31

S45	11711	(345/173-178.ccls.) or (178/18.01-18.09.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 06:32
S46	1225	S45 and ((music\$4 instrument) with (play\$4 control\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 06:34
S47	263	S46 and (multi near1 (contact touch\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 06:38
S48	6	S47 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 06:39
S49	201	S46 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 06:40
S50	41	("20040119763"   "4639720"   "4680577"   "4733222"   "4763356"   "4806709"   "5250929"   "5305017"   "5374787"   "5457289"   "5521596"   "5543588"   "5543591"   "5598523"   "5666113"   "5730602"   "5748185"   "5764218"   "5825352"   "5831664"   "5844547"   "5880411"   "5943052"   "5952998"   "6154194"   "6211856"   "6262717"   "6414674"   "6424332"   "6429846"   "6538880"   "6560612"   "6670950"   "6738049"   "6757002"   "6762752"   "6765557"   "6785667"   "6822640"   "6828992"   "7068499").PN. OR ("7730401").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 06:45
S51	32	("5157737"   "5252951"   "5564005"   "5602570"   "5764218"   "5796406"   "6335726").PN. OR ("6639584").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 09:33



S52	60	("20020152283"   "20030033331"   "20030095135"   "20030095155"   "20030164861"   "20030193524"   "20040103371"   "20040143796"   "20040169674"   "20040201595"   "20050071364"   "20050071778"   "20050079896"   "20050093826"   "20050114788"   "20050166232"   "20050177783"   "20050285880"   "20060026521"   "20060033761"   "20060064647"   "20060085743"   "20060097991"   "20060101354"   "20060125799"   "20060143574"   "20060146016"   "20060146038"   "20060197753"   "20060277588"   "20060284852"   "20070038612"   "20070152984"   "20070155434"   "20070157228"   "20070250768"   "6025842"   "6073036"   "6177936"   "6199082"   "6243080"   "6262732"   "6326970"   "6349410"   "6359615"   "6411283"   "6466198"   "6466203"   "6489975"   "6570583"   "6613100"   "6639584"   "6771250"   "6928461"   "7054965"   "7075512"   "7149549"   "7166791"   "7346855"   "7461353").PN. OR ("7864163").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 09:34
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S53	131	("3921166"   "4103252"   "4455452"   "4550221"   "4639720"   "4686332"   "4733222"   "4736191"   "4914624"   "5016008"   "5203704"   "5327161"   "5365461"   "5376946"   "5432531"   "5442376"   "5463388"   "5495077"   "5528266"   "5543591"   "5565658"   "5648642").PN. OR ("5825352").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 09:46
S54	11711	(345/173-178.ccls.) or (178/18.01-18.09.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:15
S55	1213	S54 and (spring spring-load)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:16
S56	88	S55 and gravity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:16
S57	28	S56 and coefficient\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:17
S58	1071	S54 and (multi near2 (contact touch\$4 sens\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:25
S59	640	S58 and (physic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:28
S60	24	S58 and (physic\$4) and gravity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:28
S61	371	S58 and music\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:38

S62	22	S61 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:38
S63	1	10/766143	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:40
S64	76	S58 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 12:46
S65	439	S58 and ((zone area region) with (plurity plural many multi \$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 13:41
S66	514	S58 and ((zone area region button pawn) with (plurity plural many multi\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 13:42
S67	34	S66 and (@ad<="20040223")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 13:42
S68	11	US-5027689-\$.DID. OR US- 5053585-\$.DID. OR US- 5559301-\$.DID. OR US- 20020005108-\$.DID. OR US- 6570078-\$.DID. OR US- 6762752-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2011/01/13 13:45
S69	28	("5159140"   "6140565"   "6288317"   "6310279"   "6320112"   "6360019"   "6363159"   "6392705"   "6404898").PN. OR ("6570078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 13:49
S70	40	("5027689"   "5085116"   "5153829"   "5286908"   "5300727"   "5739454"   "5918303"   "5925843").PN. OR ("6140565").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 13:59
S71	62	("3577824"   "4089246"   "4399731"   "4474098"   "4646609"   "4725694"   "4748885").PN. OR ("5153829").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 16:01

S72	67	("5027689"   "5146833"   "5153829").PN. OR ("5559301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 16:22
S73	20	("20040230916"   "20050025320"   "20070195975"   "20080002844"   "5191620"   "5559301"   "5640176"   "5826064"   "6256027"   "6704413"   "6747678"   "6996445"   "7088834"   "7216221"   "7278101"   "7319761"   "7319764"   "7343210"   "7390957"   "7502480").PN. OR ("7831054").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 16:23
S74	11	US-5027689-\$.DID. OR US-6229529-\$.DID. OR US-6888536-\$.DID. OR US-20060238518-\$.DID. OR US-7015894-\$.DID. OR US-20060026521-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2011/01/13 16:59
S75	6	((("20030081282") or ("5101460") or ("4892376"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/13 22:22
S76	6	((("20030081281") or ("5101460") or ("4892376"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/13 22:29

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L28	5033	(345/173-178.ccls.) or (178/18.01-18.09.ccls.)	USPAT; UPAD	OR	ON	2011/01/14 03:20
L29	229	28 and (multi near2 (contact touch\$4 sens\$4))	USPAT; UPAD	OR	ON	2011/01/14 03:20

**1/ 14/ 11 3:33:12 AM****C:\ Documents and Settings\jnguyen2\ My Documents\ EAST\ workspaces\ 10590306.wsp**